

Title (en)
CLUTCH FRICTION PLATE AND CLUTCH DEVICE

Title (de)
KUPPLUNGSREIBSCHEIBE UND KUPPLUNGSVORRICHTUNG

Title (fr)
DISQUE DE FRICTION D'EMBRAYAGE ET DISPOSITIF D'EMBRAYAGE

Publication
EP 3608556 A4 20201209 (EN)

Application
EP 18781416 A 20180307

Priority
• JP 2017074384 A 20170404
• JP 2018008808 W 20180307

Abstract (en)
[origin: EP3608556A1] Provided is a clutch friction plate and a clutch device configured so that stiction torque can be reduced and each of in gear, shift feeling, and neutral find can be smoothly performed. A clutch device (100) includes clutch friction plates (101). In the clutch friction plate (101), multiple small-piece-shaped friction members (103) are radially bonded to surfaces of a core bar (102) formed in a flat-plate annular shape through an oil groove (105). Each friction member (103) includes an outer side (104a) facing an outer edge portion of the core bar (102) and an inner side (104b) facing an inner edge portion of the core bar (102) and extending parallel to the outer side (104a), and is formed in a rectangular shape. The friction members (103) are bonded onto the core bar (102) in such a direction that the outer side (104a) and the inner side (104b) are inclined at an inclination angle (θ) with respect to a perpendicular line (CL) perpendicular to a line (OL) connecting the center (O1) of the core bar (102) as the center of rotation of the clutch friction plate (101) and the center (O2) of the friction member (103).

IPC 8 full level
F16D 13/62 (2006.01); **F16D 13/64** (2006.01)

CPC (source: EP US)
F16D 13/54 (2013.01 - US); **F16D 13/56** (2013.01 - EP); **F16D 13/648** (2013.01 - EP US); **F16D 2300/10** (2013.01 - EP)

Citation (search report)
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Designated contracting state (EPC)
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